

In the claims:

Please enter the following amendments:

1. **(Currently Amended)** A nucleic acid encoding a polypeptide product comprising a first chromo/fluorescent domain ~~and~~ **linked by a linking domain to a** second chromo/fluorescent domain, wherein said first and second chromo/fluorescent domains oligomerize under intracellular conditions so that said encoded polypeptide assumes a **linked oligomeric** tertiary structure.
2. **(Original)** The nucleic acid according to Claim 1, wherein said first and second chromo/fluorescent domains are oligomeric producing domains.
3. **(Previously Presented)** The nucleic acid according to Claim 2, wherein said first and second chromo/fluorescent domains are chromo-or fluorescent proteins from a *Cnidarian* species.
4. **(Previously Presented)** The nucleic acid according to Claim 3, wherein said *Cnidarian* species is a non-bioluminescent *Cnidarian* species.
5. **(Previously Presented)** The nucleic acid according to Claim 4, wherein said non-bioluminescent *Cnidarian* species is an *Anthozoan* species.
6. **(Original)** The nucleic acid according to Claim 1, wherein said nucleic acid encodes a fusion protein of said first and second chromo/fluorescent domains fused to a non-chromo/fluorescent protein domain.
7. **(Original)** A construct comprising a vector and a nucleic acid according to Claim 1.

8. **(Original)** An expression cassette comprising:
- (a) a transcriptional initiation region functional in an expression host;
 - (b) a nucleic acid according to Claim 1; and
 - (c) a transcriptional termination region functional in said expression host.
9. **(Original)** A cell, or the progeny thereof, comprising an expression cassette according to Claim 8 as part of an extrachromosomal element or integrated into the genome of a host cell as a result of introduction of said expression cassette into said host cell.
10. **(Original)** A method of producing a polypeptide product comprising a first and second chromo/fluorescent domain, said method comprising:
growing a cell according to Claim 9, whereby said polypeptide product is expressed.
- Claims 11-16. **(Canceled)**
17. **(Original)** A kit comprising a nucleic acid according to Claim 1.
18. **(Currently Amended)** A nucleic acid encoding a polypeptide product comprising a first and second chromo/fluorescent domain, wherein said first and second chromo/fluorescent domains are linked by a linking domain and are oligomeric producing domains ~~and~~ that associate with each other under intracellular conditions so that said encoded polypeptide assumes a linked oligomeric tertiary structure.
19. **(Previously Presented)** The nucleic acid according to Claim 18, wherein said chromo/fluorescent domains are chromo-or fluorescent proteins from a *Cnidarian* species.
20. **(Previously Presented)** The nucleic acid according to Claim 19, wherein said *Cnidarian* species is a non-bioluminescent *Cnidarian* species.

21. **(Previously Presented)** The nucleic acid according to Claim 20, wherein said non-bioluminescent *Cnidarian* species is an *Anthozoan* species.
22. **(Previously Presented)** The nucleic acid according to Claim 18, wherein said nucleic acid encodes a fusion protein of said first and second chromo/fluorescent domains fused to a non-chromo/fluorescent protein domain.
23. **(Previously Presented)** A construct comprising a vector and a nucleic acid according to Claim 18.
24. **(Previously Presented)** An expression cassette comprising:
- (a) a transcriptional initiation region functional in an expression host;
 - (b) a nucleic acid according to Claim 18; and
 - (c) a transcriptional termination region functional in said expression host.
25. **(Previously Presented)** A cell, or the progeny thereof, comprising an expression cassette according to Claim 24 as part of an extrachromosomal element or integrated into the genome of a host cell as a result of introduction of said expression cassette into said host cell.
26. **(Previously Presented)** A method of producing a polypeptide product comprising a first and second chromo/fluorescent domain, said method comprising:
growing a cell according to Claim 25, whereby said polypeptide product is expressed.
27. **(New)** The nucleic acid according to Claim 1, wherein said linking domain is from about 1 to about 15 residues in length.
28. **(New)** The nucleic acid according to Claim 1, wherein said linking domain is from about 1 to about 5 residues in length.

29. **(New)** The nucleic acid according to Claim 18, wherein said linking domain is from about 1 to about 15 residues in length.

30. **(New)** The nucleic acid according to Claim 18, wherein said linking domain is from about 1 to about 5 residues in length.